PRODUCT: Tongkat Ali Extract - 2.4% Eurycomanone [1]

CERTIFICATE OF ANALYSIS

Product Code	World-ABS-TKA
Country of Raw Materials Origin	Indonesia
Country(s) of Testing/Analysis	United Kingdom
Certificate Number	8908339
Date of Testing	MARCH/2023
Batch Number	0142
Release Date	03/MARCH/2023
Re-test Date	MARCH/2025

Test	Specification	Test Results
Assy (Eurycomanone content)	2.4% (± 0.1%) HPLC (LC-MS)	Conforms
Solubility in water	99.8%	Conforms
Appearance	Fine tan brown powder	Conforms
Odor	Mild/characteristic	Conforms
Taste	Bitter (lingering on the pallet)	Conforms
Mesh Size	100 Mesh - (100% pass through)	Conforms
Loss on drying	Maximum 7.0%	Conforms
Residue on Ignition	Maximum 5.0%	Conforms

Manufacturer Certification

Element Contaminants	Specification	Regulation (EC) No 1881/2006
Arsenic (As)	Maximum 1.5 ppm	Conforms
Lead (Pb)	Maximum 1 ppm	Conforms
Cadmium (Cd)	Maximum 0.5 ppm	Conforms
Mercury (Hg)	Maximum 0.1 ppm	Conforms

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Microbiological TVC	Specification	Regulation (EC) No 2073/2005
Salmonella	Negative per 25g	Conforms
Listeria	Negative per 25g	Conforms
Yeast count	Maximum 100 cfu/g	Conforms
Mould count	Maximum 100 cfu/g	Conforms
Bacillus	Maximum 10 cfu/g	Conforms
Escherichia coli (E. coli)	Maximum 10 cfu/g	Conforms

SGS UK

This CoA document is compiled where applicable from information provided by the raw material manufacturer and independently tested for consumer safety by:
SGS United Kingdom Ltd and **Intertek Group PLC**

To be used as per local legislation
World A.B.S™ - BCB Bachstrasse, 1CH-9606, Bütschwil, Switzerland

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RESIDUAL SOLVENT STATEMENT

In accordance with ICH Q3C residual solvent guideline, Class 3 solvents may be used according to good manufacturing practices such that their cumulative value does not exceed 5000ppm or 0.5%, under option 1 as defined in ICH Q3C, USP<467>, and EP General Text 5.4.

MANUFACTURING PROCESSES

- No Class 3 Solvents Used
- No Addition of Preservatives Added
- No Ethylene Oxide Treatment
- No Irradiation Treatment

CONFIRMATION OF BSE/TSE STATUS

Certification that this product[1] complies with all relevant current UK and EU Legislative requirements in regard to Transmissible Spongiform Encephalopathies (TSE) and Bovine Spongiform Encephalopathy (BSE) for human food, and so is free of TSE/BSE.

This document also to certify that, during the course of manufacture, the related product[1] did not come into contact with any materials, which could be derived from TSE/BSE risk materials.

CONFIRMATION OF GM STATUS

Certification that this product[1] is not manufactured from GM raw materials and is therefore not subject to labelling under regulations 1829/2003/EC and 1830/2003/EC.

CONFORMATION WITH ICH Q3D

With reference to ICH Q3D and other applicable standards controlling levels of elemental impurities in drug products and food supplements, the the related product[1] surpassed safety levels for all applicable elements.

CONFIRMATION OF NON IRRADIATION STATUS

Certification that this product[1], whole or in part, has not been subjected to Ionising Radiation as per European Directives 1999/2/EC and 1000/3/EC.

CONFIRMATION OF ANIMAL TESTING STATUS

Certification that this product[1] has not been tested on animals in any part of its manufacture in accordance with regulation 86/609/EEC.

CONFIRMATION OF PESTICIDES STATUS

Certification that the above-mentioned product[1] complies with the regulation (EC) No.396/2005 of 23rd February 2005 and commission Regulation (EU) No. 559/2011 of 7th June 2011 amending annexes II and III of the above Regulation.

CONFIRMATION OF NANDROLONE STATUS

Certification that this product[1], whole or in part, has not come into contact with Nandrolone or any of its precursors in any way.

CONFIRMATION OF IOC PRODUCT STATUS

Certification that this product[1], whole or in part, has not come into contact with any product/s, which is banned by the IOC (International Olympics Committee).

CONFIRMATION OF cGMPs USED IN PRODUCTION

Certification that this product has been manufactured and processed in accordance with current Good Manufacturing Practices (cGMPs) where applicable.